

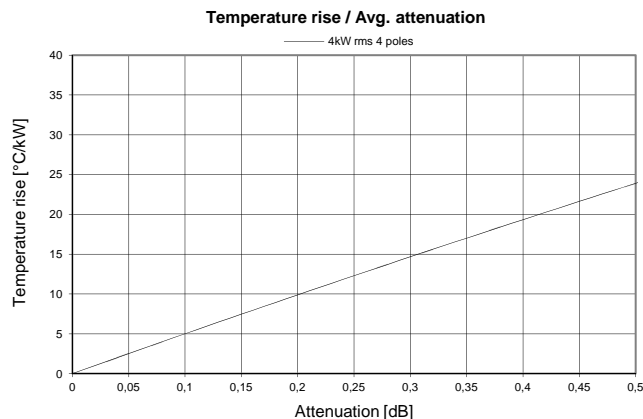
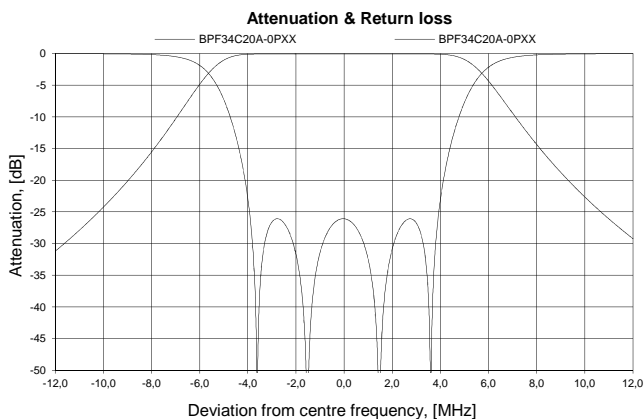
VHF Bandpass filter

4kW rms 4 poles

BAND III



SPECIFICATIONS	200mm series	Option
FREQUENCY	174-240 MHz	-
BANDWIDTH	6-8 MHz	-
NUMBER / SIZE OF CAVITIES	4/200	-
ATV	Spurious suppress	-
DVB	Spurious suppress	-
ATSC	Non Stringent Mask	-
ISDB-T	Spurious suppress	-
IMPEDANCE	50 Ohm	-
RETURN LOSS (VSWR)	>26 dB (<1.1)	-
TEMPERATUR STABILITY	<2 kHz / °C	-
MAX PRODUCT TEMPERATURE	70 °C	-
ENVIRONMENTAL CONDITION	-5 to 70 °C IP40	-
CONNECTORS	3 1/8" unflange	-
DIMENSIONS (L X W X H)	468x421x483-573 mm	-
(Inch)	(18x17x19-23 in)	-
WEIGHT	4.3 kg (9.5 lb)	-
FRAME	Stand alone	-
COLOUR	Frosted black	-



TYPICAL DATA *	VHF	-
ART. NO.	BPF34C20A-0P33	-
INSERTION LOSS		
Avg. signal bandwidth	<0,10 dB	
Center frequency	<0,10 dB	
Signal band edge	± 3.33 MHz <0,10 dB	
	± 3.7 MHz >0,05 dB	
	± 5.25 MHz >1,4 dB	
	± 10.5 MHz >24,0 dB	
GROUP DELAY		
	<20 ns	
MAX INPUT POWER RATING **		
	4kW / 13 dB (crest factor)	
TEMPERATURE RISE		
	<0,5 °C / 100 W	
MASK COMPLIANT		
	Spurious suppress	

* Data in table is typical data at 200 MHz. To fulfil mask transmitter shoulder level must be >36 dB. The filter can be tuned for other specifications or bandwidths, please contact us for a specific design.

** Max power rating at < 50 °C temperature rise at max frequency.

Issue 00